



STAFF REPORT

Approving a Professional Services Agreement with Cotton, Shires & Associates for Design Services to Stabilize the Foundation of the San Juan Pump Station for an Amount not to Exceed \$30,000, City Contract Number 452

July 8, 2003

Honorable Mayor and City Council:

Summary

The creek bank supporting the San Juan Pump Station is being eroded due to the scoring effects of the East Laurel Creek. Continued erosion will undermine the foundation causing a potential failure of the pump station. The City Council is requested to approve a professional services agreement with Cotton, Shires & Associates for design services to stabilize the foundation of the San Juan Pump Station owned by the City of Belmont.

Background and Discussion

The San Juan Force Main and San Juan Pump Station service the area known as San Juan Canyon, a major sewer basin. This pump station is the City's largest capacity and most complex among the existing ten pump stations servicing the City of Belmont. The pump station is located along the western bank of East Laurel Creek. Previous mitigation measures to stabilize the bank and foundation have been applied with varying degrees of success. Cotton, Shires & Associates has visited the site and recommended interim measures to lessen future damage to the bank. City staff implemented these temporary measures of rerouting the surface drainage and removing a dying tree from the bank.

Cotton, Shires & Associates and City staff have prepared a scope of work. Cotton, Shires & Associates is a geotechnical engineering firm with extensive experience in Belmont and is well-qualified to conduct this stabilization work. City staff has an excellent working relationship with the consultant. Their work will include topographic survey and base map of existing conditions, geotechnical investigation and analysis of surficial and subsurface conditions, geotechnical report, and plans and specifications for a shear pin retaining wall.

It is estimated the plans, specifications and cost estimate will be completed in mid-October. The construction is anticipated to begin during Spring 2004.

Fiscal Impact

The professional services agreement with Cotton, Shires & Associates will not exceed \$30,000. Funding will be drawn from the FY04 Sewer Enterprise Capital Improvement Program, San Juan Pump Station Stabilization Project, account number 503-4326-7074-9030. This account has sufficient funds for this purpose.

Recommendation

The City Council is requested to approve a Professional Services Agreement with Cotton, Shires & Associates for design of foundation stabilization of the San Juan Pump Station owned by the City.

Alternatives

1. Refer back to staff for additional information.
2. Deny approval.

Attachments

1. Resolution
2. Scope of Work

Respectfully submitted,

Bennett Chun, P.E.
Civil Engineer

Raymond E. Davis III, P.E., PTOE
Director of Public Works

Jere A. Kersnar
City Manager

RESOLUTION NO. _____

**CITY OF BELMONT
San Mateo County California**

**RESOLUTION OF THE CITY COUNCIL OF THE CITY OF BELMONT APPROVING
A PROFESSIONAL SERVICES AGREEMENT WITH COTTON, SHIRES &
ASSOCIATES FOR DESIGN SERVICES TO STABILIZE THE FOUNDATION OF THE
SAN JUAN PUMP STATION, FOR AN AMOUNT NOT TO EXCEED \$30,000
CITY CONTRACT NO. 452**

WHEREAS, the foundation of the San Juan Pump Station is unstable; and,

WHEREAS, the City desires to obtain the services of a professional geotechnical engineer to evaluate and propose a design solution; and,

WHEREAS, Cotton, Shire & Associate, a qualified geotechnical engineering firm, has agreed to do this work and has submitted an acceptable scope of work.

NOW, THEREFORE, BE IT RESOLVED:

1. The City Council of the City of Belmont directs the City Manager to execute a Professional Services Agreement with Cotton, Shires & Associates, approved as to form by the City Attorney, in an amount not to exceed \$30,000 and directs the City Clerk to affix her signature thereto.
2. Funding in the amount of \$30,000 will be drawn from the Capital Improvement Program FY04 budget, account number 503-4326-7074-9030.

* * * * *

I hereby certify that the foregoing Resolution was duly and regularly passed and adopted by the City Council of the City of Belmont at a regular meeting thereof held on July 8, 2003.

AYES, COUNCILMEMBER(S): _____

NOES, COUNCILMEMBER(S): _____

ABSTAIN, COUNCILMEMBER(S): _____

ABSENT, COUNCILMEMBER(S): _____

City Clerk of the City of Belmont

APPROVED:

Mayor of the City of Belmont